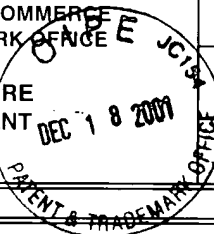
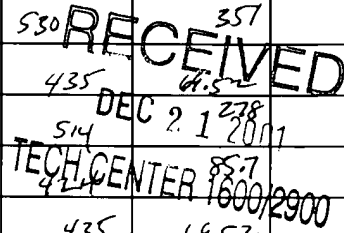


|                                                                          |                       |                       |
|--------------------------------------------------------------------------|-----------------------|-----------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. IM-5 | SERIAL NO. 09/917,265 |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>Page 1 of 3          |                       |                       |
| APPLICANT Ramani S. Wonderling; Karen L. Boroughs                        |                       | GROUP 1645            |
| FILING DATE July 27, 2001                                                |                       |                       |



### U.S. PATENT DOCUMENTS

| EXAM. INITIAL |    | DOCUMENT NUMBER | ISSUE DATE        | PATENTEE        | CLS | SUB-CLS | FILE DATE |
|---------------|----|-----------------|-------------------|-----------------|-----|---------|-----------|
| 3/2/03 ✓      | A1 | 5,858,778       | January 12, 1999  | Alnemri, et al. | 435 | 325     |           |
| 3/2/03 ✓      | A2 | 5,912,324       | June 15, 1999     | Okamura, et al. | 530 | 357     |           |
| 3/2/03 ✓      | A3 | 5,914,253       | June 22, 1999     | Okamura, et al. | 435 | 4.5     |           |
| 3/2/03 ✓      | A4 | 5,919,790       | July 6, 1999      | Allen, et al.   | 514 | 2.1     |           |
| 3/2/03 ✓      | A5 | 5,942,224       | August 24, 1999   | Miwa, et al.    | 435 | 85.7    |           |
| 3/2/03 ✓      | A6 | 5,945,310       | August 31, 1999   | Young, et al.   | 435 | 69.52   |           |
| 3/2/03 ✓      | A7 | 5,985,863       | November 16, 1999 | Su, et al.      | 438 | 22      |           |
| 3/3/03 ✓      | A8 | 6,013,268       | January 11, 2000  | Reed            | 424 | 269.1   |           |



### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATIONS

| EXAM. INITIAL |    | DOCUMENT NUMBER | PUBL. DATE       | COUNTRY                                         | CLS | SUB-CLS | TRANS ? |
|---------------|----|-----------------|------------------|-------------------------------------------------|-----|---------|---------|
| 3/3/03 ✓      | B1 | WO 98/51327     | 19 November 1998 | PGT WO Abstract only                            | —   | —       | —       |
| 3/3/03 ✓      | B2 | WO 99/07851     | 18 February 1999 | PGT WO                                          | —   | —       | NO      |
| 3/3/03 ✓      | B3 | WO 99/50425     | 07 October 1999  | PGT WO                                          | —   | —       | —       |
| 3/3/03 ✓      | B4 | WO 00/12555     | 09 March 2000    | PGT WO Abstract, Drawing, Sequence listing only | —   | —       | —       |

### OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

|          |    |                                                                                              |
|----------|----|----------------------------------------------------------------------------------------------|
| 3/3/03 ✓ | C1 | Argyle, et al., Accession No. Y11133, 07-Jul-1999                                            |
| 3/3/03 ✓ | C2 | Argyle, et al., <i>Immunogenetics</i> , 1999 June, Vol. 49, No. 6, pp. 541-543 Abstract only |
| 3/3/03 ✓ | C3 | Belke-Louis, G.F., Accession No U49085, 13-Mar-1996                                          |
| 3/3/03 ✓ | C4 | Belke-Louis, G.F., Accession No U49100, 13-Mar-1996                                          |
| 3/3/03 ✓ | C5 | Carr, et al., <i>Journal of Virology</i> , Oct. 1997, Vol. 71, No. 10, pp. 7799-7803         |
| 3/3/03 ✓ | C6 | Cerretti, et al., Accession No. M87507, 18-May-1995                                          |
| 3/3/03 ✓ | C7 | Culhane, et al., Accession No. AJ222813, 11-Aug-1998                                         |
| 3/3/03 ✓ | C8 | Johnson, et al., Accession No. AF031351, 03-Nov-1998                                         |
| 3/3/03 ✓ | C9 | Keane, et al., Accession U14647, 27-Jan-1996                                                 |

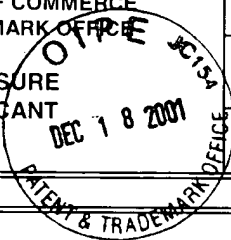
EXAMINER

DATE CONSIDERED

3/3/03

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|                                                                                                                                                                 |                                                   |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------|
| <b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>Page 2 of 3 | ATTY. DOCKET NO. IM-5                             | SERIAL NO. 09/917,265 |
|                                                                                                                                                                 | APPLICANT Ramani S. Wonderling; Karen L. Boroughs |                       |
|                                                                                                                                                                 | FILING DATE July 27, 2001                         | GROUP 1645            |



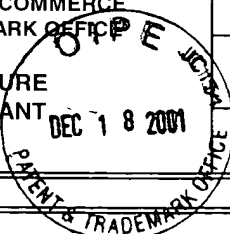
| U.S. PATENT DOCUMENTS |  |                 |            |          |     |         |           |
|-----------------------|--|-----------------|------------|----------|-----|---------|-----------|
| EXAM. INITIAL         |  | DOCUMENT NUMBER | ISSUE DATE | PATENTEE | CLS | SUB-CLS | FILE DATE |
|                       |  |                 |            |          |     |         |           |

| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATIONS |  |                 |            |         |     |         |         |
|---------------------------------------------------------|--|-----------------|------------|---------|-----|---------|---------|
| EXAM. INITIAL                                           |  | DOCUMENT NUMBER | PUBL. DATE | COUNTRY | CLS | SUB-CLS | TRANS ? |
|                                                         |  |                 |            |         |     |         |         |

| OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)                                                                                       |     |                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|
| X                                                                                                                                                                           | C10 | Lee, et al., <i>Human Gene Therapy</i> , March 1, 1998, Vol. 9, pp. 457-465                    |
| X                                                                                                                                                                           | C11 | Lieschke, et al., <i>Nature Biotechnology</i> , Vol. 15, January 1997, pp. 35-40               |
| X                                                                                                                                                                           | C12 | Lode, et al., <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 95, March 1998, pp. 2475-2480           |
| X                                                                                                                                                                           | C13 | Molineaux, et al., Accession No. L28095, 27-July-1994                                          |
| X                                                                                                                                                                           | C14 | Mortola, et al., <i>J Vet Med Sci</i> , 1998, Vol. 60, No. 11, pp. 1181-1185                   |
| X                                                                                                                                                                           | C15 | Nicolson, L., et al., Accession No. Y11131, 07-Jul-1999                                        |
| X                                                                                                                                                                           | C16 | Okamura, H., Accession No. D49949, 10-Feb-1999                                                 |
| X                                                                                                                                                                           | C17 | Okano, F., Accession No. E15017, 28-Jul-1999                                                   |
| X                                                                                                                                                                           | C18 | Okano, F., Accession NO. E15018, 28-Jul-1999                                                   |
| X                                                                                                                                                                           | C19 | Okano, et al., <i>Journal of Interferon and Cytokine Research</i> , 1997, Vol. 17, pp. 713-718 |
| X                                                                                                                                                                           | C20 | Okano, et al., <i>Journal of Interferon and Cytokine Research</i> , 1999, Vol. 19, pp. 27-32   |
| X                                                                                                                                                                           | C21 | Osaki, et al., <i>The Journal of Immunology</i> , 1998, Vol. 160, pp. 1742-1749                |
| X                                                                                                                                                                           | C22 | Penha-Goncalves, et al., Accession No. Y11132, 07-Jul-1999                                     |
| X                                                                                                                                                                           | C23 | Pirhonen, et al., <i>The Journal of Immunology</i> , 1999, Vol. 162, pp. 7322-7329             |
| X                                                                                                                                                                           | C24 | Rogerson, et al., <i>Ann N Y Acad Sci</i> , 1996 Oct. 31, Vol. 795, pp. 354-356                |
| X                                                                                                                                                                           | C25 | Sareneva et al., <i>The Journal of Immunology</i> , 1998, Vol. 160, pp. 6032-6038              |
| X                                                                                                                                                                           | C26 | Schijns, V.E.C.J., Accession No. Y07761, 13-May-1997                                           |
| X                                                                                                                                                                           | C27 | Schijns, et al., Accession No. Y07762, 13-May-1997                                             |
| X                                                                                                                                                                           | C28 | Taylor, et al., Accession No. AF135967, 12-Jul-2000                                            |
| X                                                                                                                                                                           | C29 | Ushio, S., Accession No. D49950, 10-Feb-1999                                                   |
| EXAMINER <i>[Signature]</i> DATE CONSIDERED 2/3/03                                                                                                                          |     |                                                                                                |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |     |                                                                                                |

RECEIVED  
DEC 21 2001  
TECH CENTER 1600/2900

|                                                                                                                                                                 |                                                   |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------|
| <b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE<br/>PATENT AND TRADEMARK OFFICE</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>Page 3 of 3 | ATTY. DOCKET NO. IM-5                             | SERIAL NO. 09/917,265 |
|                                                                                                                                                                 | APPLICANT Ramani S. Wonderling; Karen L. Boroughs |                       |
|                                                                                                                                                                 | FILING DATE July 27, 2001                         | GROUP 1645            |



| U.S. PATENT DOCUMENTS |  |                    |            |          |     |         |              |
|-----------------------|--|--------------------|------------|----------|-----|---------|--------------|
| EXAM.<br>INITIAL      |  | DOCUMENT<br>NUMBER | ISSUE DATE | PATENTEE | CLS | SUB-CLS | FILE<br>DATE |
|                       |  |                    |            |          |     |         |              |

| FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATIONS |  |                 |            |         |     |         |            |
|---------------------------------------------------------|--|-----------------|------------|---------|-----|---------|------------|
| EXAM.<br>INITIAL                                        |  | DOCUMENT NUMBER | PUBL. DATE | COUNTRY | CLS | SUB-CLS | TRANS<br>? |
|                                                         |  |                 |            |         |     |         |            |

| OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)                                                                                       |     |                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------|
| <i>L</i>                                                                                                                                                                    | C30 | Wardlow, et al., Accession No. AF090119, 02-Aug-1999                                      |
| <i>L</i>                                                                                                                                                                    | C31 | Yoshimoto, et al., <i>The Journal of Immunology</i> , 1998, Vol. 161, pp. 3400-3407       |
| <i>L</i>                                                                                                                                                                    | C32 | Yoshimoto, et al., <i>Proc. Natl. Acad. Sci. USA</i> , April 1997, Vol. 94, pp. 3948-3953 |
| EXAMINER <i>[Signature]</i>                                                                                                                                                 |     | DATE CONSIDERED <i>3/3/03</i>                                                             |
| EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |     |                                                                                           |